Mumammad Yar Khuhawar

List of Publications by Year
in descending order

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43	562	687363	794594
papers	citations	13 h-index	19 g-index

43	43	43	516
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Accumulation and distribution of lead (Pb) in plant tissues of guar (Cyamopsis tetragonolobaL.) and sesame (Sesamum indicumL.): profitable phytoremediation with biofuel crops. , 2018, 2, 51-60.		66
2	Applications of copper nanoparticles for colorimetric detection of dithiocarbamate pesticides. Journal of Nanostructure in Chemistry, 2019, 9, 77-93.	9.1	39
3	Water quality assessment of Ramser site, Indus Delta, Sindh, Pakistan. Environmental Monitoring and Assessment, 2018, 190, 492.	2.7	32
4	Simultaneous HPLC determination of gamma amino butyric acid (GABA) and lysine in selected Pakistani rice varieties by pre-column derivatization with 2-Hydroxynaphthaldehyde. Journal of Cereal Science, 2014, 60, 356-360.	3.7	29
5	Evaluation of chromium phyto-toxicity, phyto-tolerance, and phyto-accumulation using biofuel plants for effective phytoremediation. International Journal of Phytoremediation, 2019, 21, 352-363.	3.1	29
6	Risk assessment of heavy metals and salts for human and irrigation consumption of groundwater in Qambar city: a case study. , 2020, 4, 23-39.		26
7	Assessment of groundwater quality for drinking and irrigation uses in taluka Ratodero, district Larkana, Sindh, Pakistan. International Journal of Environmental Analytical Chemistry, 2022, 102, 4134-4157.	3.3	26
8	Silver Nanoparticles with Sodium Dodecyl Sulfate as a Colorimetric Probe for the Detection of Dithiocarbamate Pesticides in Environmental Samples. Analytical Sciences, 2019, 35, 631-637.	1.6	23
9	Evaluation of hydrochemistry of the Dokri groundwater, including historical site Mohenjo-Daro, Sindh, Pakistan. International Journal of Environmental Analytical Chemistry, 2023, 103, 1892-1916.	3.3	22
10	HPLC determination of gamma amino butyric acid (GABA) and some biogenic amines (BAs) in controlled, germinated, and fermented brown rice by pre-column derivatization. Journal of Cereal Science, 2015, 64, 56-62.	3.7	21
11	Groundwater quality assessment of Shahdadkot, Qubo Saeed Khan and Sijawal Junejo Talukas of District Qambar Shahdadkot, Sindh. Applied Water Science, 2020, 10, 1.	5.6	21
12	Spatial variability and hydrogeochemical characterisation of groundwaters in Larkana of Sindh, Pakistan. Groundwater for Sustainable Development, 2021, 14, 100632.	4.6	18
13	Determination of arsenic contents in groundwater of District Rahim Yar Khan Southern Punjab, Pakistan. Arabian Journal of Geosciences, 2015, 8, 10983-10994.	1.3	17
14	Photocatalytic Degradation of Eriochrome Black T Dye by ZnO Nanoparticles Using Multivariate Factorial, Kinetics and Isotherm Models. Journal of Cluster Science, 2023, 34, 1121-1132.	3.3	17
15	Potential for Phytoextraction of Cu by Sesamum indicum L. and Cyamopsis tetragonoloba L.: A Green Solution to Decontaminate Soil. Earth Systems and Environment, 2018, 2, 133-143.	6.2	16
16	Determination of Metal Ions in Crude Oils. , 0, , .		15
17	Copper (Cu) tolerance and accumulation potential in four native plant species: a comparative study for effective phytoextraction technique. , 2021, 5, 53-64.		15
18	Water quality and sediment assessment of Manchar Lake, Sindh, Pakistan: after effects of the super flood of 2010. Arabian Journal of Geosciences, 2015, 8, 3259-3283.	1.3	14

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19	GC-FID determination of nucleobases guanine, adenine, cytosine, and thymine from DNA by precolumn derivatization with isobutyl chloroformate. Journal of Analytical Science and Technology, 2016, 7, .	2.1	13
20	Spatial distribution of hydrochemistry and characterization of groundwater of taluka Bakrani, Larkana, Sindh, Pakistan. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	13
21	Removal of Co2+, Cu2+ and Au3+ ions from contaminated wastewater by using new fluorescent and antibacterial polymer as sorbent. Polymer Bulletin, 2021, 78, 1505-1533.	3.3	11
22	Synthesis, Characterization and Biological Studies of New Linear Thermally Stable Schiff Base Polymers with Flexible Spacers. Acta Chimica Slovenica, 2016, 63, 113-120.	0.6	10
23	Determination of Important Phenolic Compounds in Pakistani Brown Rice Varieties in Controlled, Germinated and Fermented Conditions by High Performance Liquid Chromatography. Progress in Chemical and Biochemical Research, 2019, 2, 134-142.	1.5	7
24	Synthesis and application of fluorescent and thermally stable polyazomethine as adsorbent in the remediation of Ni (II), Cu (II) and Co (II) from wastewater systems. Journal of Polymer Research, 2021, 28, 1.	2.4	6
25	Gas Chromatographic Determination of Guanidino Compounds Using Hexafluoroacetylacetone and Ethyl Chloroformate as Derivatizing Reagents. Chromatographia, 2013, 76, 85-90.	1.3	5
26	Micellar Electrokinetic Chromatographic Separation/Determination of Uranium, Iron, Copper and Nickel from Environmental Ore Samples Using Bis(salicylaldehyde)meso-stilbenediimine as Chelating Reagent. Asian Journal of Chemistry, 2013, 25, 3719-3724.	0.3	5
27	Determination of amino acids in jams, fruits and pharmaceutical preparations by gas chromatography using trifluoroacetylacetone and ethylchloroformate as derivatizing reagents. Analytical Methods, 2015, 7, 3148-3156.	2.7	5
28	Fluorescent Carbon Dots and their Applications in Sensing of Small Organic Molecules. Current Analytical Chemistry, 2022, 18, 145-162.	1.2	5
29	Synthesis and Characterization of New Photoresponsive, Ortho and Para Oriented Azomethine Polymers. Acta Chimica Slovenica, 2018, 65, 718-729.	0.6	5
30	New Fluorescent, Thermally Stable and Film Forming Polyimines Containing Naphthyl Rings. Acta Chimica Slovenica, 0, , 899-912.	0.6	5
31	Liquid Chromatography of Uranium Complexes of Tetradentate Schiff Bases. Analytical Sciences, 2004, 20, 1193-1197.	1.6	4
32	Improved Gas Chromatographic Determination of Guanidino Compounds Using Isovaleroylacetone and Ethyl Chloroformate as Derivatizing Reagents. Analytical Sciences, 2016, 32, 141-145.	1.6	3
33	Synthesis and characterization of new thermally stable, antimicrobial and red-light-emitting poly(azomethine-ester)s. Polymer Bulletin, 2021, 78, 5055-5074.	3.3	3
34	Assessment of variation in water quality at Right Bank Outfall Drain, including Manchar lake, Sindh, Pakistan. International Journal of Environmental Analytical Chemistry, 0, , 1-23.	3.3	3
35	Spatial variability and risk assessment of metals in groundwater of district Kamber-Shahdadkot, Sindh, Pakistan. Groundwater for Sustainable Development, 2022, 18, 100784.	4.6	3
36	Comparative study of Zn-phytoextraction potential in guar (Cyamopsis tetragonoloba L.) and sesame (Sesamum indicum L.): tolerance and accumulation. , 2018, 2, 29-38.		2

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37	Spectrophotometric and liquid chromatographic determination of Zn(II), Ni(II), Fe(II), Co(II), and Cu(II) as metal chelates from vegetable and pharmaceutical samples using 3-hydroxy-5-(hydroxymethyl)-2-methyl-4-pyridine carboxaldehyde-4-phenyl-3-thiosemicarbazone as derivatizing reagent. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 1074-1081.	1.0	2
38	High performance liquid chromatographic separation of platinum (II), gold (III), vanadium (IV), vanadium (V), molybdenum (VI) and analysis of cis-platin as platinum (II) in cis-plasol injection, urine, and blood serum using pyridoxal-4-phenyl-3-thiosemicarbazone as complexing reagent. Journal of Liquid Chromatography and Related Technologies, 2020, 43, 29-36.	1.0	2
39	GC Determination of Fluorouracil in Serum by Using Hexafluroroacetylacetone as Derivatizing Reagent. Journal of Chromatographic Science, 2022, 60, 409-413.	1.4	2
40	New Fluorescent, Thermally Stable and Film Forming Polyimines Containing Naphthyl Rings. Acta Chimica Slovenica, 2019, 66, 899-912.	0.6	2
41	GC analysis of guanidino compounds in serum and urine of healthy volunteers and uremic patients using methylglyoxal and ethyl chloroformate as derivatizing reagent. Analytical Methods, 2015, 7, 7724-7732.	2.7	0
42	Nutritional Assessment and Biological Activity of Moringa oleifera. Pakistan Journal of Scientific and Industrial Research Series B: Biological Sciences, 2021, 64, 1-6.	0.1	0
43	Rapid diagnostic method of tobacco products in saliva by fourier transform infrared spectroscopy (FTIR). Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 175-180.	0.2	0